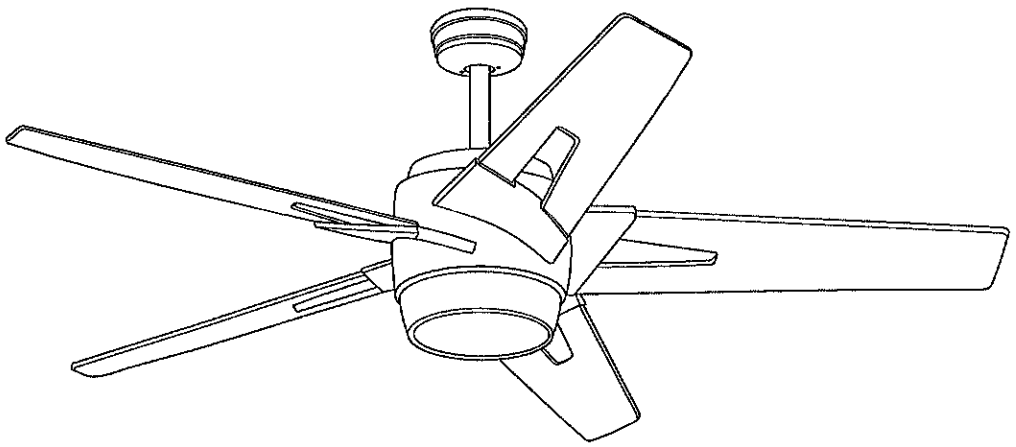
READ AND SAVE THESE INSTRUCTIONS



54" Ceiling Fan Owner's Manual

Net Weight: 20.9 Lbs.

DATE CODE: _____

The date code of this fan may be found on the box, stamped in ink on a white label. You should record this data above and keep it in a safe place for future use.

⚠ WARNING

WARNING: To avoid fire, shock, and serious personal injury, follow these instructions.

Safety Instructions

1. Read your owner's manual carefully and keep it for future reference.
2. Before servicing or cleaning unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.
3. Be careful of the fan and blades when cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
4. Do not put anything into the fan blades while they are turning.
5. Do not operate reversing switch until fan blades have come to a complete stop.

Additional Safety Instructions for Installation

1. To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.
2. All wiring must be in accordance with the National Electrical Codes "ANSI/NFPA 70-2011" and Local Electrical Codes. Use the National Electrical Code if Local Codes do not exist. The ceiling fan must be grounded as a precaution against possible electrical shock. Electrical installation should be made or approved by a licensed electrician.
3. The outlet box and joist must be securely mounted and capable of reliably supporting at least 50 pounds. Use only U.L. outlet boxes listed as "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less", and use the mounting screws provided with the outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.
4. The downrod furnished with the fan provides the minimum recommended floor to fan blade clearance for an 8 foot ceiling.
5. The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the fan blades.
6. Follow the recommended instructions for the proper method of wiring your ceiling fan. If you do not know enough about electrical wiring, have your fan installed by a licensed electrician.

NOTE: All setscrews must be checked and re-tightened where necessary before installation.

NOTE: This fan is suitable for use with solid-state speed controls.

WARNING: To reduce the risk of fire or electric shock, this fan should only be used with fan speed control, Model No. UC9056T manufactured by Rhine Electric Co., Ltd.

WARNING: To avoid fire, shock or injury, do not use an Emerson or any other brand of control not specifically approved for this fan.

WARNING: This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.

WARNING: To reduce the risk of personal injury, do not bend the blade flange when installing the blade flanges, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

WARNING: To reduce the risk of electrical shock, this fan must be installed with an isolating wall control/switch.

This Manual Is Designed to Make it as Easy as Possible for You to Assemble, Install, Operate and Maintain Your Ceiling Fan

Tools Needed for Assembly

One Phillips head screwdriver
One 1/4" blade screwdriver
One stepladder
One wire stripper

MATERIALS

Wiring outlet box and box connectors must be of type required by the local code. The minimum wire would be a 3-conductor (2-wire with ground) of the following size:

Installed Wire Length	Wire Size A.W.G.
Up to 50 ft.	14
50-100 ft.	12

⚠ WARNING

Before assembly your ceiling fan, refer to section on proper method of wiring your fan (page 7). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

Unpacking Instructions

⚠ WARNING

Do not install or use fan if any part is damaged or missing.

⚠ WARNING

This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.

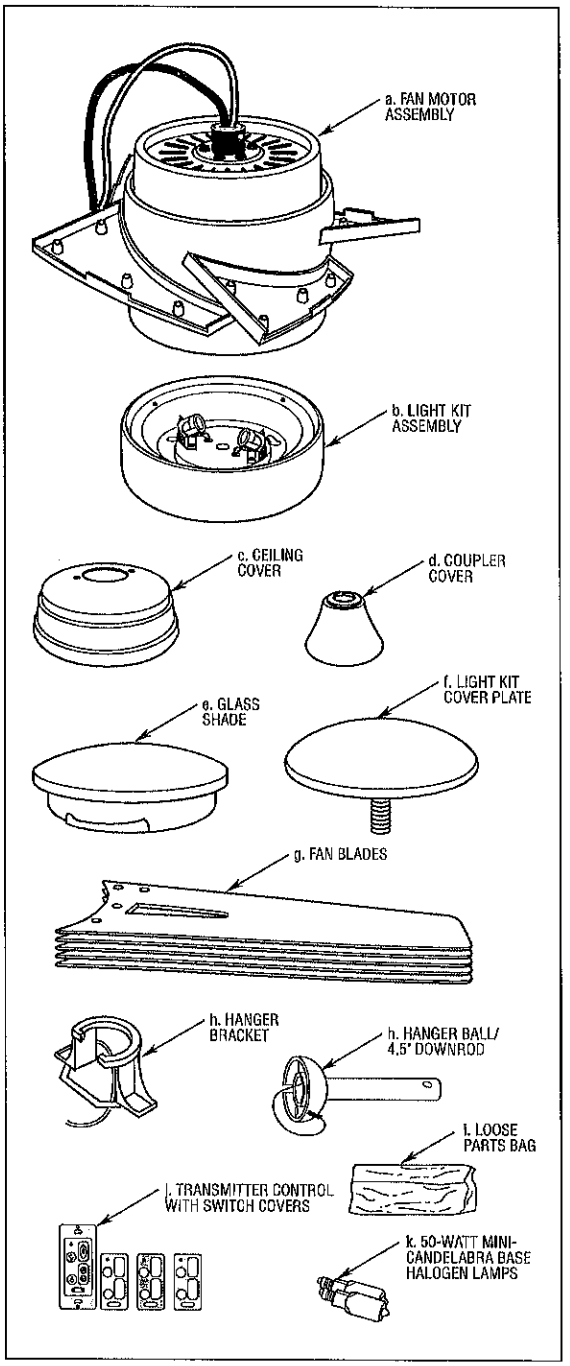
1. Check to see that you have received the following parts:

NOTE: If you are uncertain of part description, refer to exploded view illustration.

a. Fan motor assembly
b. Light kit assembly
c. One ceiling cover
d. One coupler cover
e. One glass shade
f. One light kit cover plate
g. Five fan blades
h. One hanger bracket
i. One hanger ball/4.5" downrod assembly
j. One transmitter control with switch covers
k. Two 50-watt (maximum) mini-candelabra base halogen lamps
l. One loose parts bag containing:
   1. One clevis pin
   2. One hairpin clip
   3. Five 12 ga. wire connectors
   4. Two #8-32 x 1-1/4" threaded studs
   5. Two #8 external tooth lockwashers
   6. Two #8-32 knurled knobs
   7. Twenty-one #10-24 x .375" flat head blade screws
   8. Twenty-one #10 x .50" flat washers
   9. One balancing kit

NOTE: Place the parts from the loose parts bags in a small container to keep them from being lost. If any parts are missing, contact your local retailer or catalog outlet for replacement before proceeding.

2. Remove the lower styrofoam pad from the carton and place on a stable work surface.
3. Remove the fan motor assembly from the protective plastic bag and position the fan motor assembly in the lower styrofoam packing so that the top for the motor is facing you. Place all carton contents on a soft protective surface.


a. FAN MOTOR ASSEMBLY
b. LIGHT KIT ASSEMBLY
c. CEILING COVER
d. COUPLER COVER
e. GLASS SHADE
f. LIGHT KIT COVER PLATE
g. FAN BLADES
h. HANGER BRACKET
h. HANGER BALL/ 4.5" DOWNROD
l. LOOSE PARTS BAG
j. TRANSMITTER CONTROL WITH SWITCH COVERS
k. 50-WATT MINI-CANDELABRA BASE HALOGEN LAMPS

Electrical Requirements

Your new ceiling fan will require a grounded electrical supply line of 120 volts AC, 60 Hz, 15 amp circuit.

The outlet box must be securely anchored and capable of withstanding a load of at least 50 pounds.

⚠ WARNING

To reduce the risk of fire, electrical shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

If your fan is to replace an existing ceiling light fixture, turn electricity off at the main fuse box at this time and remove the existing light fixture.

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

⚠ WARNING

To avoid fire or shock, follow all wiring instructions carefully. Any electrical work not described in these instructions should be done or approved by a licensed electrician.

How to Put Your Ceiling Fan Together

1. Remove the hanger ball by loosening the setscrew in the hanger ball until the ball falls freely down the downrod (Figure 3). Remove the pin from the downrod, then remove the hanger ball. Retain the pin and hanger ball for reinstallation in Step ?.
2. Loosen setscrews in motor coupling. Separate, untwist and unkink the two 80" motor leads. Route the motor lead wires through the downrod. Insert the downrod into the motor coupling. Align the clevis pin holes in the downrod with the holes in the motor coupling. Install the clevis pin and secure with the hairpin clip (Figure 1). The clevis pin must go through the holes in the motor coupling and the holes in the downrod. Be sure to push the straight leg of the hairpin clip through the hole near the end of the clevis pin until the curved portion of the hairpin clip snaps around the clevis pin. The hairpin clip must be properly installed to prevent the clevis pin from working loose. Pull on the downrod to make sure the clevis pin is properly installed.
3. While pulling up on the downrod, securely tighten the two setscrews in the motor coupling (Figure 2).

NOTE: The setscrews must be properly installed as described above, or fan wobble could result.

⚠ WARNING

It is critical that the clevis pin in the motor coupling is properly installed and the setscrews securely tightened. Failure to verify that the pin and setscrews are properly installed could result in the fan falling.

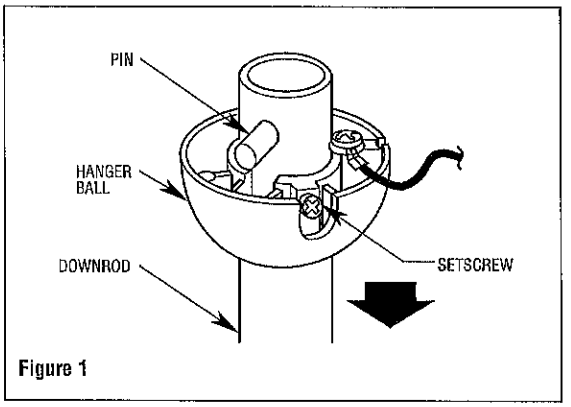


Figure 1

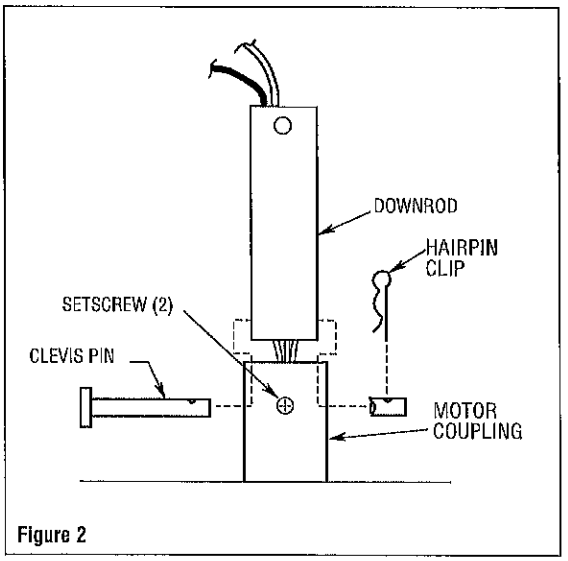


Figure 2

How to Put Your Ceiling Fan Together (continued)

4. Make sure the rubber grommet is properly installed onto the coupling cover then slide the coupler cover onto the downrod until it rests on top of the motor housing. Place the ceiling cover over the downrod. Be sure both the ceiling cover and the coupler cover are oriented correctly (Figure 3).
5. Route the motor leads through the hanger ball. Reinstall the hanger ball (Figure 4) on the downrod. Reinstall the pin through the two holes in the downrod. Slide the ball upwards and align the ball so the pin is captured in the groove in the top of the hanger ball. Pull the hanger ball up tight against the pin and securely tighten the setscrew in the hanger ball. A loose setscrew could create fan wobble.

⚠ WARNING

It is critical that the pin in the hanger ball is properly installed and the setscrew securely tightened. Failure to verify that the pin and setscrew are properly installed could result in the fan falling.

6. The fan comes with black and white leads that are 80" long. Before installing fan, measure up approximately 6 to 9-inches above top of hanger ball/downrod assembly. Cut off excess leads and strip back insulation 1/2-inch from end of leads.
7. Position one fan blade on the flange assembly of the motor assembly and secure by installing four #10-24 x .375" flat head screws and four #10 x .50" flat washers (supplied) (Figure 5).
8. Install the remaining four fan blades using the same procedure.

⚠ WARNING

To reduce the risk of personal injury, do not bend the blade flange when installing the blade flanges, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

NOTE: Take care not to scratch fan housing when installing blades.

9. You have now completed the initial assembly of your new ceiling fan. You can now proceed with hanging and wiring your fan.

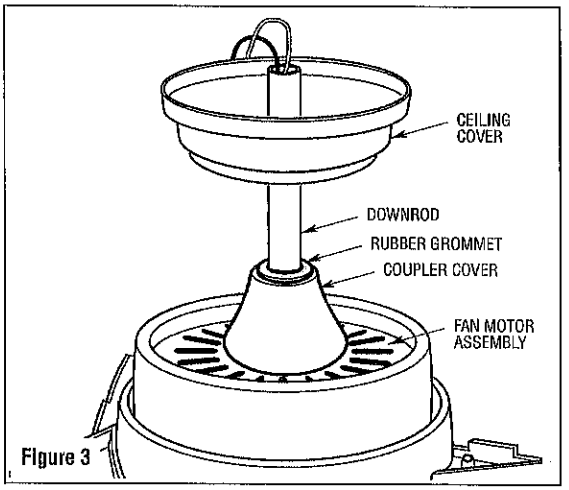


Figure 3

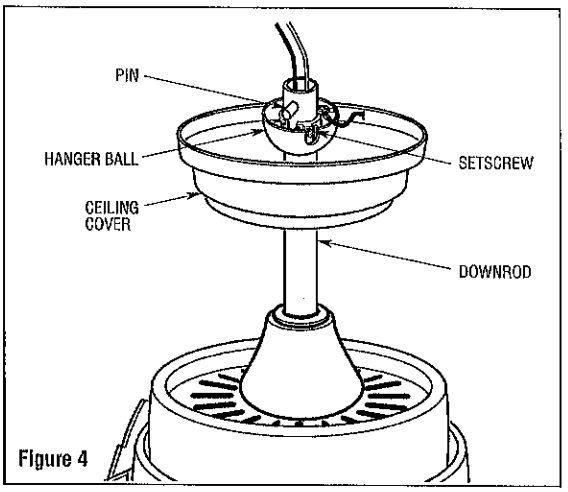


Figure 4

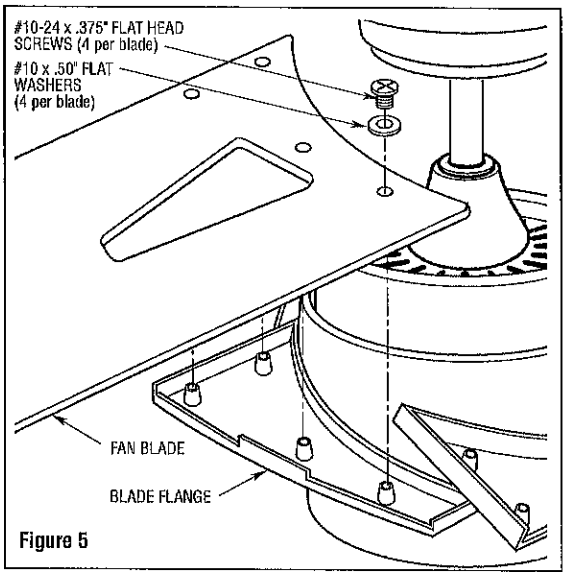


Figure 5

How to Hang Your Ceiling Fan

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

⚠ WARNING

The fan must be hung with at least 7' of clearance from floor to blades (Figure 6).

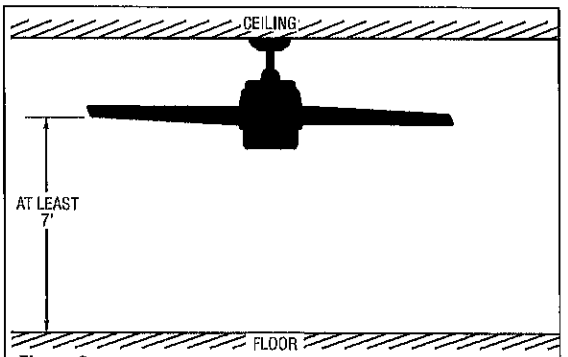


Figure 6

⚠ WARNING

The outlet box and joist must be securely mounted and capable of supporting at least 50 lbs. Use only a U.L. outlet box listed as "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less".

⚠ WARNING

To reduce the risk of fire, electrical shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

1. With the branch circuit electricity turned off at the breaker panel or fuse box, securely attach the hanger bracket to the outlet box using the two screws supplied with the outlet box. (Figure 7.)
2. Carefully lift the fan and seat the hanger ball/downrod assembly onto the hanger bracket that was just attached to the outlet box (Figure 7). Rotate the entire fan assembly until the ball groove engages the anti-rotation tab. Be sure the groove in the ball engaged the anti-rotation tab on the hanger bracket (Figure 8).

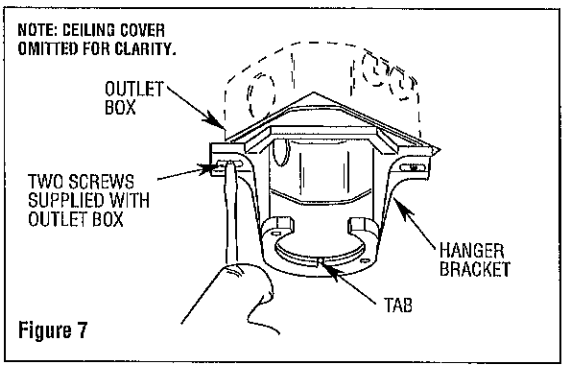


Figure 7

⚠ WARNING

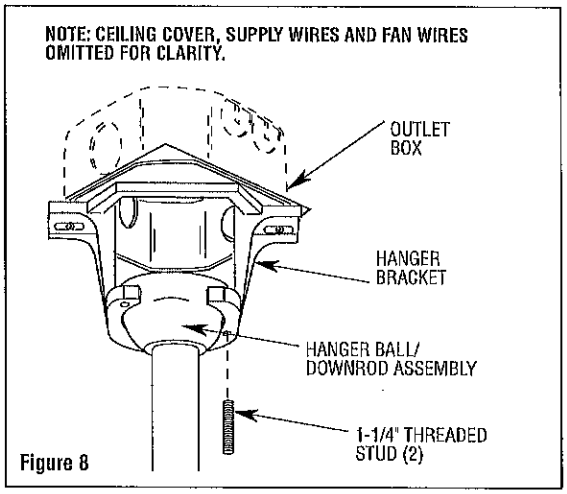
Hanger bracket must seat firmly against outlet box. If the outlet box is recessed, remove wall board until bracket contacts box. If bracket and/or outlet box are not securely attached, the fan could wobble or fall.

⚠ WARNING

Failure to seat tab in groove could cause damage to electrical wires and possible shock or fire hazard.

⚠ WARNING

To avoid possible fire or shock, do not pinch wires between the hanger ball/downrod assembly and hanger bracket.


NOTE: CEILING COVER, SUPPLY WIRES AND FAN WIRES OMITTED FOR CLARITY.
OUTLET BOX
HANGER BRACKET
HANGER BALL/ DOWNROD ASSEMBLY
1-1/4" THREADED STUD (2)
Figure 8

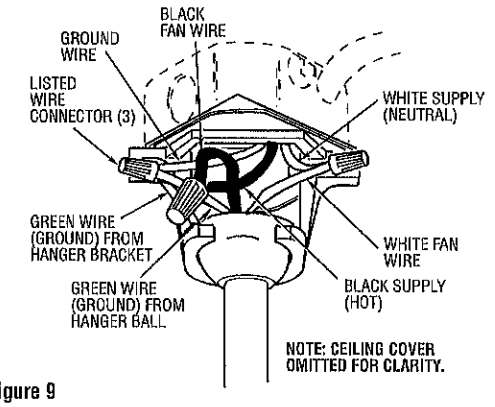
How to Wire Your Ceiling Fan

If you feel that you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

1. Connect the green grounding lead from the hanger ball and the green grounding lead from the hanger bracket to the grounding conductor of supply (this may be a bare wire or wire with green colored insulation). Securely connect wires with wire connectors supplied.
2. Securely connect the fan motor white wire to the supply white (neutral) wire using wire connector supplied (Figure 9). Securely connect the fan motor black wire to the supply black (hot) wire using wire connector supplied (Figure 9). After connections have been made, turn leads upward and carefully push leads into the outlet box, with the white and green leads on one side of the outlet box and the black leads on the other side of the outlet box.


BLACK FAN WIRE
GROUND WIRE
LISTED WIRE CONNECTOR (3)
WHITE SUPPLY (NEUTRAL)
GREEN WIRE (GROUND) FROM HANGER BRACKET
WHITE FAN WIRE
GREEN WIRE (GROUND) FROM HANGER BALL
BLACK SUPPLY (HOT)
NOTE: CEILING COVER OMITTED FOR CLARITY.
Figure 9

⚠ WARNING

Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire. Do not operate fan until blades are in place. Noise and fan damage could result.

3. Screw the two threaded studs (supplied) into the tapped holes in the hanger bracket.
4. Lift the ceiling cover up to the threaded studs and turn until studs protrude through the holes in the ceiling cover (Figure 10).
5. Secure the ceiling cover in place by sliding lockwashers over the threaded studs and installing the two knurled knobs (supplied). (Figure 10). Tighten the knurled knobs securely until the ceiling cover fits snugly against the ceiling and the hole in the ceiling cover is clear of the downrod.

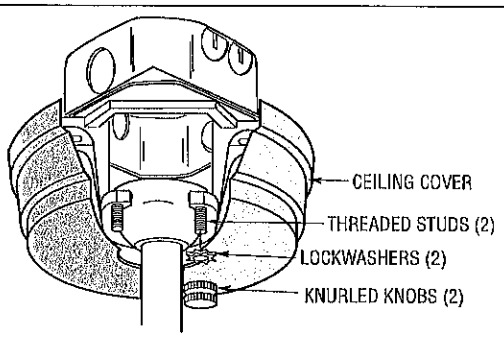


Figure 10

⚠ WARNING

To avoid possible fire or shock, make sure that the electrical wires are completely inside the outlet box and not pinched between the ceiling cover and the ceiling.